

# MANUFACTURING EXTENSION PARTNERSHIP

## Success Stories from the Field

### Die-Tech, Inc.

#### MANTEC

### Training Leads to LEAN Enterprise at Die-Tech, Inc.

#### Client Profile:

Die-Tech, Inc. manufactures precision metal stampings for the electronics, medical, automotive, military, aerospace and telecommunications industries. Design assistance, rapid prototyping, practical die construction, and long term production of high quality, cost-effective precision metal stampings are some of the specialized services provided to a diverse industrial marketplace. The company employs 50 people at its facility in York Haven, Pennsylvania.

#### Situation:

Die-Tech identified the need to cut lead times, lower inventories, improve quality, and increase flexibility by reducing or eliminating changeovers in their plant. Previously, a group of employees completed a Set-up Reduction training event conducted by the Mid-Pennsylvania Manufacturing Extension Partnership (MANTEC), a NIST MEP network affiliate. The training provided the techniques of quick changeovers and setup reductions which helped make substantial progress in becoming a Lean Enterprise. While the small group made an impact on the organization, it was apparent that if everyone understood the principles of LEAN manufacturing the benefits would be greater. Once again, the company contacted MANTEC for assistance.

#### Solution:

MANTEC conducted a Lean 101-A Manufacturing Simulation workshop which provided training in standardized work, workplace organization, batch size reduction, and point of use storage. This training brought general awareness of Lean principles to Die-Tech employees as the company continues its journey toward eliminating waste, improving efficiencies, throughput and profits.

#### Results:

- \* Increased sales by \$450,000.
- \* Increased productivity from 10 percent to 80 percent.
- \* Increased set up time by 20 percent.
- \* Reduced engineering time by 66 percent.

#### Testimonial:

"MANTEC's Lean training portfolio has proven to be an essential and an effective method for measurable operational improvement. We could not do it alone. MANTEC is truly Die-Tech's partner in productivity."

Richard W. Dennis, President